

ADAM HALL

EDUCATION

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| UNIVERSITY | University of Michigan, Ann Arbor | Sept. 2019 |
| DEGREE | PhD in Statistics | |
| HONORS | Recipient of the Rackham Merit Fellowship. | |
| UNIVERSITY | University of California, Irvine | Sept. 2011 |
| DEGREE | Bachelor of Arts in Quantitative Economics | |
| DEGREE | Bachelor of Arts in Sociology (Honors) | |
| MINORS | Mathematics, Statistics, and Philosophy | |

EXPERIENCE

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| PhD Research | September 2015 — September 2019 |
| Developed and implemented a method to estimate spatial price indices at low levels of aggregation, such as US counties, using Nielsen's retail scanner data. | |
| CSCAR Consultant | May 2018 — May 2019 |
| Helped graduate students and faculty resolve statistical questions related to their research, and scheduled appointments with experienced consultants for difficult or specialized problems. | |
| Graduate Student Instructor | August 2013 — September 2019 |
| Taught lab sections for introductory to intermediate statistics courses. Duties have included lecturing about statistical tools and topics, explaining material in office hours, grading exams and homework assignments, writing questions for quizzes, and teaching R and SPSS. | |
| Bureau of Economic Analysis Intern | June 2015 — August 2015 |
| Researched the process by which raw price quotes are aggregated to regional price parities. Wrote press releases, reviewed data before release, and used SAS to produce supplementary tables. Used SAS with data from the ACS Public Use Microdata Sample to estimate rents at the county level, and compared these to estimates obtained using internal Census data. | |
| Graduate Research | September 2014 — January 2015 |
| Conducted research relating to visualization and smoothing over time series where some data may be missing non-randomly. Collaborated with Professor Richard Gonzalez using Git to write R scripts that use survey data and ggplot2 to generate visualizations for non-specialist audiences. | |
| Undergraduate Econometrics Research | April 2011 — June 2011 |
| Wrote a study using data from publicly available sources to examine relationships between media penetration rates, corruption, and economic output. Cleaned the data using Microsoft Excel, and analyzed it with sets of linear regressions in R. | |
| Undergraduate Research Opportunities Fellow | September 2009 — June 2010 |
| Conducted hour-long informational interviews with 16 leaders of 12 different organizations. Wrote a sociology thesis analyzing factors influencing the choice and effectiveness of fundraising methods. Presented findings to UC Irvine Sociology department, and at a UROP symposium. | |

SKILLS

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| Computer Languages | R, Python, SQL, SPSS, SAS, HTML, CSS |
| Operating Systems | Microsoft Windows, Mac OS X, Debian GNU/Linux |
| Other Tools | Word, Excel, Powerpoint, Git, L ^A T _E X |

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📄 [HTTPS://ADAMCHHALL.GITHUB.IO](https://adamchhall.github.io)